marantz®

Model SR4021 User Guide

Receiver

ENGLISH

WARRANTY
For warranty information, contact your local Marantz distributor.

RETAIN YOUR PURCHASE RECEIPT
Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as necessary for insurance purposes or when corresponding with Marantz.

IMPORTANT
When seeking warranty service, it is the responsibility of the consumer to establish proof and date of purchase. Your purchase receipt or invoice is adequate for such proof.

FOR U.K. ONLY
This undertaking is in addition to a consumer's statutory rights and does not affect those rights in any way.

FRANÇAIS

GARANTIE
Pour des informations sur la garantie, contacter le distributeur local Marantz.

CONSERVER L'ATTESTATION D'ACHAT
L'attestation d'achat est la preuve permanente d'un achat de valeur. La conserver en lieu sur pour s'y reporter aux fins d'obtention d'une couverture d'assurance ou dans le cadre de correspondances avec Marantz.

IMPORTANT
Pour l'obtention d'un service couvert par la garantie, il incombe au client d'établir la preuve de l'achat et d'en corroborer la date. Le reçu ou la facture constituent des preuves suffisantes.

DEUTSCH

GARANTIE
Bei Garantiefragen wenden Sie sich bitte an Ihren Marantz-Händler.

HEBEN SIE IHRE QUITTING GUT AUF
Die Quittung dient Ihnen als bleibende Unterlage für Ihren wertvollen Einkauf Das Aufbewahren der Quittung ist wichtig, da die darin enthaltenen Angaben für Versicherungswecke oder bei Korrespondenz mit Marantz angeführt werden müssen.

WICHTIG!
Bei Garantiefragen muß der Kunde eine Kaufunterlage mit Kaufdatum vorlegen. Ihren Quittung oder Rechnung ist als Unterlage ausreichend.

NEDERLANDS

GARANTIE
Voor inlichtingen omtrent garantie dient u zich tot uw plaatselijke Marantz.

UW KWITANTIE, KASSABON E.D. BEWAREN
Uw kwitantie, kassabon e.d. vormen uw bewijs van aankoop van een waardevol artikel en dienen op een veilige plaats bewaard te worden voor evt, verwijzing bijv, in verbend met verzekering of bij correspondentie met Marantz.

BELANGRIJK
Bij een evt, beroep op de garantie is het de verantwoordelijkheid van de consument een gedateerd bewijs van aankoop te tonen. Uw kassabon of factuurzijn voldoende bewijs.

ESPAÑOL

GARANTIA
Para obtener información acerca de la garantia póngase en contacto con su distribuidor Marantz.

GUARDE SU RECIBO DE COMPRA
Su recibo de compra es su prueba permanente de haber adquirido un aparato de valor, Este recibo deberá guardarlo en un lugar seguro y utilizarlo como referencia cuando tenga que hacer uso del seguro o se ponga en contacto con Marantz.

IMPORTANTE
Cuando solicite el servicio otorgado por la garantia el usuario tiene la responsabilidad de demonstrar cuándo efectuó la compra. En este caso, su recibo de compra será la prueba apropiada.

ITALIANO

GARANZIA
L'apparecchio è coperto da una garanzia di buon funzionamento della durata di un anno, o del periodo previsto dalla legge, a partire dalla data di acquisto comprovata da un documento attestante il nominativo del Rivenditore e la data di vendita. La garanzia sarà prestata con la sostituzione o la riparazione gratuita delle parti difettose.
Non sono coperti da garanzia difetti derivanti da uso improprio, errata installazione, manutenzione effettuata da personale non autorizzato o, comunque, da circostanze che non possano riferirsi a difetti di funzionamento dell'apparecchio. Sono inoltre esclusi dalla garanzia gli interventi inerenti l'installazione e l'allacciamento agli impianti di alimentazione.
Gli apparecchi verranno riparati presso i nostri Centri di Assistenza Autorizzati. Le spese ed i rischi di trasporto sono a carico del cliente.
La casa costruttrice declina ogni responsabilità per danni diretti o indiretti provocati dalla inosservanza delle prescrizioni di installazione, uso e manutenzione dettagliate nel presente manuale o per guasti dovuti ad uso continuato a fini professionali.

SVENSKA

GARANTI
För information om garantin, kontakta Marantz lokalagent.

SPAR KVITTOT
Kvittot är ett inköpsbevis på en värdefull vara. Det skall förvaras säkert och hänvisas till vid försäkringsfall eller vidkorrespondens mod Marantz.

VIKTIGT
Fö att garantin skall gälla är det kundens sak att framställa bevis och datum om köpet. Kvitto eller faktura är tillräokligt bevis fö detta.

CE MARKING

CE **English**

The SR4021 is in conformity with the EMC directive and low-voltage directive.

CE **Français**

Le SR4021 est conforme à la directive EMC et à la directive sur les basses tensions.

CE **Deutsch**

Das Modell SR4021 entspricht den EMC-Richtlinien und den Richtlinien für Niederspannungsgeräte.

CE **Nederlands**

De SR4021 voldoet aan de EMC eisen en de vereisten voor laag-voltage.

CE **Español**

El SR4021 está de acuerdo con las normas EMC y las relacionadas con baja tensión.

CE **Italiano**

Il SR4021 è conforme alle direttive CEE ed a quelle per i bassi voltaggi.

CE **Svenska**

SR4021 är tillverkad i enlighet med EMC direktiven och direktiven för lågvoltsutrusning.

English

WARNINGS

- Do not expose the equipment to rain or moisture.
- Do not remove the cover from the equipment.
- Do not insert anything into the equipment through the ventilation holes.
- Do not handle the mains cord with wet hands.
- Do not cover the ventilation with any items such as tablecloths, newspapers, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the equipment.
- When disposing of used batteries, please comply with governmental regulations or environmental public instruction's rules that apply in your country or area.
- Make a space of about 0.2 meter around the unit.
- No objects filled with liquids, such as vases, shall be placed on the equipment.
- When the switch is in the OFF position, the equipment is not completely switched off from MAINS.
- The equipment shall be installed near the power supply so that the power supply is easily accessible.

Français

AVERTISSEMENTS

- Ne pas exposer l'appareil à la pluie ni à l'humidité.
- Ne pas essayer de retirer le boîtier de l'appareil.
- Ne rien insérer dans l'appareil par les orifices de ventilation.
- Ne pas manipuler le cordon d'alimentation avec les mains mouillées.
- Ne pas recouvrir les ouïes de ventilation avec un objet quelconque comme une nappe, un journal, un rideau, etc.
- Ne placer aucune source de flamme nue, comme une bougie allumée, sur l'appareil.
- Pour mettre au rebut les piles usées, respecter les lois gouvernementales ou les règlements officiels concernant l'environnement qui s'appliquent à votre pays ou région.
- Veiller à ce qu'aucun objet ne soit à moins de 0,2 mètre des côtés de l'appareil.
- Aucun objet rempli de liquide, un vase par exemple, ne doit être placé sur l'appareil.
- Lorsque l'interrupteur est sur la position OFF, l'appareil n'est pas complètement déconnecté du SECTEUR (MAINS).
- L'appareil sera installé près de la source d'alimentation, de sorte que cette dernière soit facilement accessible.

Deutsch

WARNHINWEISE

- Das Gerät nicht Regen oder Feuchtigkeit aussetzen.
- Die Abdeckung nicht vom Gerät abnehmen.
- Keine Gegenstände durch die Belüftungsschlitze stecken.
- Das Netzkabel nicht mit feuchten oder nassen Händen anfassen.
- Decken Sie die Lüftungsöffnungen nicht mit einem Tischtuch, einer Zeitung, einem Vorhang usw. ab.
- Es dürfen keine Gegenstände mit offener Flamme, wie etwa brennende Kerzen, auf dem Gerät aufgestellt werden.
- Beachten Sie bei der Entsorgung der verbrauchten Batterien alle geltenden lokalen und überregionalen Regelungen.
- Auf allen Geräteseiten muß ein Zwischenraum von ungefähr 0,2 meter vorhanden sein.
- Auf das Gerät dürfen keine mit Flüssigkeiten gefüllte Behälter, wie etwa eine Vase, gestellt werden.
- Wenn der Schalter ausgeschaltet ist (OFF-Position), ist das Gerät nicht vollständig vom Stromnetz (MAINS) abgetrennt.
- Das Gerät sollte in der Nähe einer Netzsteckdose aufgestellt werden, damit es leicht an das Stromnetz angeschlossen werden kann.

Nederlands

WAARSCHUWINGEN

- Stel het apparaat niet bloot aan regen of vocht.
- Verwijder de afdekplaat van het apparaat niet.
- Duw niets door de ventilatieopeningen in het apparaat.
- Raak het netsnoer niet met natte handen aan.
- Bedek de ventilatieopeningen niet met enige voorwerpen, zoals tafelkleden, kranten, gordijnen, enz.
- Plaats geen brandende voorwerpen, zoals kaarsen, op het apparaat.
- Volg bij het weggooien van verbruikte batterijen de overheidswetgeving of milieuvoorschriften op die van kracht zijn in het land of de regio waarin u zich bevindt.
- Zorg dat er 0,2 meter vrije ruimte rond het toestel is.
- Plaats geen voorwerpen met een vloeistof erin, zoals een bloemenvaas, op het apparaat.
- Als de schakelaar op OFF staat, is het apparaat niet volledig losgekoppeld van de netspanning (MAINS).
- De apparatuur wordt in de buurt van het stopcontact geïnstalleerd, zodat dit altijd gemakkelijk toegankelijk is.

Español

ADVERTENCIAS

- No exponga el equipo a la lluvia ni a la humedad.
- No extraiga la tapa del equipo.
- No introduzca nada en el interior del equipo a través de los orificios de ventilación.
- No maneje el cable de alimentación con las manos mojadas.
- No cubra la ventilación con objetos como manteles, periódicos, cortinas, etc.
- No deben colocarse sobre el equipo elementos con fuego, por ejemplo velas encendidas.
- Cuando se eliminen baterías usadas, deben cumplirse las reglamentaciones oficiales o las normas de protección medioambiental aplicables en su país o en su zona.
- Deje un espacio de unos 0,2 metro alrededor de la unidad.
- No se deben colocar sobre el aparato recipientes que contengan líquidos, como por ejemplo jarrones.
- Cuando el interruptor está en la posición OFF, el equipo no está completamente desconectado de la alimentación MAINS.
- El equipo se instalará cerca de la fuente de alimentación de manera que resulte fácil acceder a ella.

Italiano

AVVERTENZE

- Non esporre l'apparecchio alla pioggia o all'umidità.
- Non rimuovere il coperchio dell'apparecchio.
- Non introdurre oggetti all'interno dell'apparecchio attraverso i fori di ventilazione.
- Non toccare il cavo di alimentazione con le mani bagnate.
- Non coprire le fessure di ventilazione con tovaglie, giornali, tende od oggetti analoghi.
- Non posare sull'apparecchio sorgenti di fiamme scoperte quali candele accese.
- Smaltire le pile usate in conformità alle norme governative o disposizioni ambientali vigenti nel proprio paese o zona.
- Lasciare 0,2 metro liberi tutto intorno l'unità.
- Non mettere sull'apparecchiatura alcun contenitore di liquido, come ad esempio dei vasi.
- Quando l'interruttore è nella posizione OFF, l'apparecchiatura non è completamente scollegata da MAINS.
- L'apparecchio va installato in prossimità della fonte di alimentazione, in modo che quest'ultima sia facilmente accessibile.

Svenska

VARNINGAR

- Utsätt inte utrustningen för regn eller fukt.
- Ta inte bort utrustningens hölje.
- För inte in föremål i utrustningen genom ventilationshålen.
- Hantera inte nätsladden med våta händer.
- Täck inte för ventilationsöppningarna med några föremål som till exempel bordsdukar, dagstidningar, gardiner e.d.
- Inga föremål med öppen låga, som till exempel tända stearinljus, bör placeras på utrustningen.
- Följ de lagar och miljöskyddsråd som gäller i det land eller område där du bor när du gör dig av med batterier.
- Se till att det finns omkring 0,2 meter fri plats runt omkring enheten.
- Inga objekt som är fyllda med någon vätska, till exempel blomstervaser, bör placeras på apparaten.
- Även om strömbrytaren står i det avstängda läget OFF, så är utrustningen inte helt bortkopplad från det elektriska nätet (MAINS).
- Utrustningen ska vara installerad nära strömuttaget så att strömförsörjningen är lätt att tillgå.

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FOREWORD

This section must be read before any connection is made to the mains supply.

EQUIPMENT MAINS WORKING SETTING

Your Marantz product has been prepared to comply with the household power and safety requirements that exist in your area.
SR4021 can be powered by 230V AC only.

COPYRIGHT

Recording and playback of any material may require consent. For further information refer to the following:

— Copyright Act 1956
— Dramatic and Musical Performers Act 1958
— Performers Protection Acts 1963 and 1972
— any subsequent statutory enactments and orders

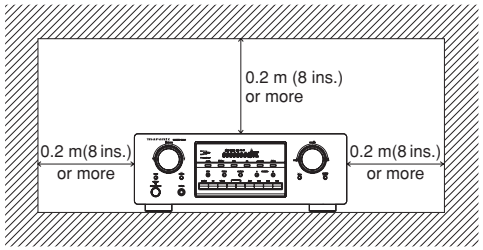
INTRODUCTION

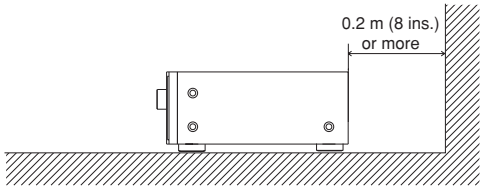
Thank you for purchasing the Marantz SR4021 Receiver.
This remarkable component has been engineered to provide you with many years of home theater enjoyment. Please take a few minutes to read this manual thoroughly before you connect and operate the SR4021.
As there are a number of connection and configuration options, you are encouraged to discuss your own particular home theater setup with your Marantz A/V specialist dealer.

PRECAUTIONS

CAUTIONS ON INSTALLATION

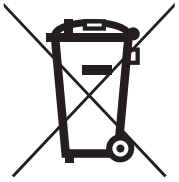
For heat dispersal, leave at least 20 cm/8 ins. of space between the top, back and sides of this unit and the wall or other components.
• Do not obstruct the ventilation holes.





A NOTE ABOUT RECYCLING

This product's packaging materials are recyclable and can be reused. This product and the accessories packed together are the applicable product to the WEEE directive except batteries.
Please dispose of any materials in accordance with your local recycling regulations.
When discarding the unit, comply with your local rules or regulations.
Batteries should never be thrown away or incinerated but disposed of in accordance with your local regulations concerning chemical wastes.



ENGLISH

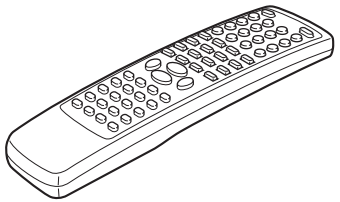
FEATURES

- **High quality full discrete power amplifier**
  80W+80W (8 ohms, 20 Hz – 20 kHz, 0.08% THD)
- **Speaker 1/2 switching**
  You can switch the speaker 1/2 via remote control unit.
- **Four A/V inputs (DVD, DSS, VCR and AUX)**
- **One A/V output (VCR) and one video monitor output**
- **Four audio inputs and Two audio outputs**
  Built in PHONO equalizer (MM)
- **Simulcast playback video signal of video source with audio source**
- **30 station AM/FM random preset memory**
- **Bass and treble tone controls**
- **Source direct**
  You can bypass the tone and balance controls, routing the audio signal directly to provide the pure sound quality.
- **PRE OUT and MAIN IN jacks**
- **Sleep timer**
- **Dimmer control**
- **RDS function**
  Radio Data System (RDS) provides information on FM broadcasts.

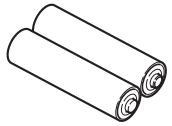
ACCESSORIES

Check the supplied accessories.

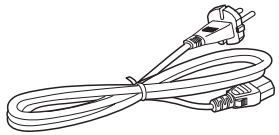
Remote control unit (RC4021SR)



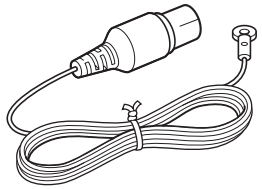
Batteries (AAA, R03, UM-4) 2 pcs



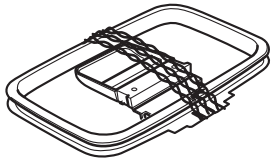
AC Power cord



FM Antenna



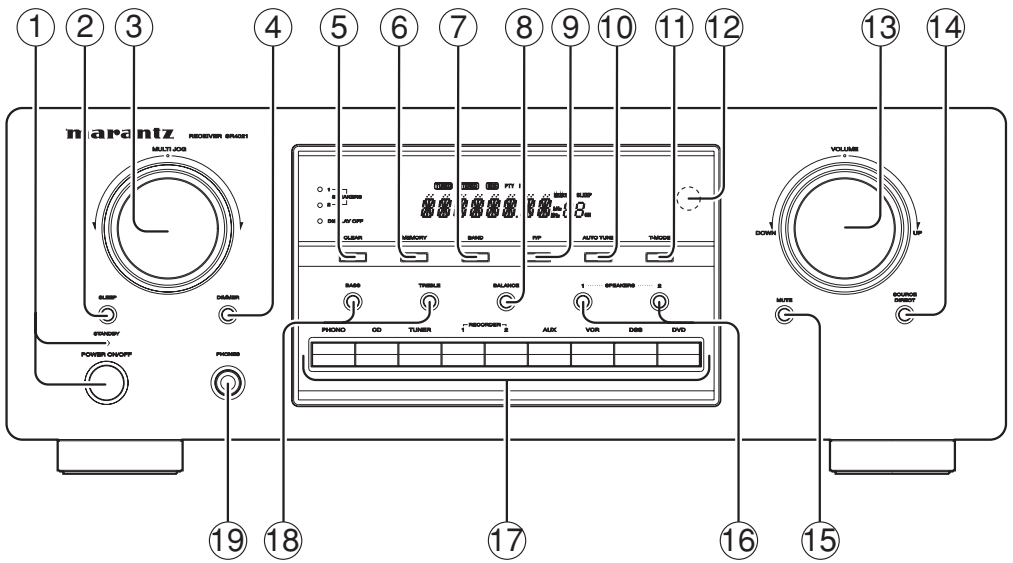
AM Loop Antenna



Registration Card

User Guide

FRONT PANEL



① POWER switch and STANDBY indicator

Press the button to turn the power ON, and press again to turn it OFF. If the POWER switch is in the ON position, the power of this unit can be turned ON/OFF by pressing the POWER button on the remote control unit.

When this unit is in the standby mode with the POWER switch set to the ON position, pressing one of the FUNCTION SELECTOR buttons also allows to turn the power on.

The STANDBY indicator lights up when this unit is in the standby mode (power OFF) by the remote control unit.

② SLEEP (Sleep timer) button

This button is used for setting the sleep timer.

③ MULTI JOG control knob

This knob is used in conjunction with the BASS, TREBLE and BALANCE buttons, and is used to adjust tone control and balance control. Also, this knob is used for the TUNING/PRESET search in the TUNER mode. In the tuning mode, the reception frequency is tuned up or down. Turning the control in the clockwise direction tunes the frequency up. Turning the control in the counterclockwise direction tunes the reception frequency down. In the preset mode, the selection of the preset channel is moved up or down.

④ DIMMER button

When this button is pressed once display is dimmed. When this button is pressed twice, the display is turned off and the “DISPLAY OFF” indicator lights up.

Press this button again to turn on the display again.

⑤ CLEAR button

Press this button to cancel the tuner preset station or preset scan tuning. (See page 15)

⑥ MEMORY button

Press this button to enter the tuner preset memory numbers or station names. (See page 15)

⑦ BAND button

Press this button to switch between FM and AM in the TUNER mode.

⑧ BALANCE control button

Press this button and turn MULTI JOG control knob to vary the output level of the left and right channel. If this button is pressed in Source Direct Mode, Source Direct is cancelled.

⑨ F (Frequency)/P (Preset) button

During reception of AM or FM, you can change the function of the UP/DOWN buttons for scanning frequencies or selecting preset stations by pressing this button.

⑩ AUTO TUNE button

When this button is pressed and the MULTI JOG knob is turned, auto scan function of the tuner frequency starts.

⑪ T-MODE button

Press this button to select the auto stereo mode or mono mode when the FM band is selected.

⑫ INFRARED receiving sensor window

This window receives infrared signals from the remote control.

⑬ VOLUME control knob

Adjusts the overall sound level. Turning the control clockwise increases the sound level.

⑭ SOURCE DIRECT button

When this button is pressed, the audio signal will bypass the balance and tone control circuit to provide the pure sound quality.

To return not to bypass the balance and tone control circuit, press SOURCE DIRECT button again.

⑮ MUTE button

Press this button to mute the output to the speakers. Press it again to return to the previous volume level.

⑯ SPEAKERS (system 1/2) buttons

These buttons are used to select the speaker system(s) connected to the SPEAKER SYSTEM 1/2 terminals on the rear panel. The corresponding indicators of the active speakers light. If headphone are connected, both 1 and 2 are set off automatically.

⑰ Function selector buttons

These buttons are used to select the sources. The selected source name will be displayed on the front display.

The video function selector, such as DVD, VCR, DSS and AUX selects video and audio simultaneously.

Audio function sources such as PHONO, CD, TUNER ,RECORDER 1 and RECORDER 2 may be selected in conjunction with a Video source.

This feature (Sound Injection) combines a sound from one source with a picture from another.

Choose the video source first, and then choose a different audio source to activate this function.

⑱ BASS/TREBLE control buttons

Press these buttons and turn MULTI JOG control knob to adjust the tone by controlling the level of two frequency bands. To adjust the bass effect, press BASS button. To adjust the treble effect, press TREBLE button. If these buttons are pressed in Source Direct Mode, Source Direct is cancelled.

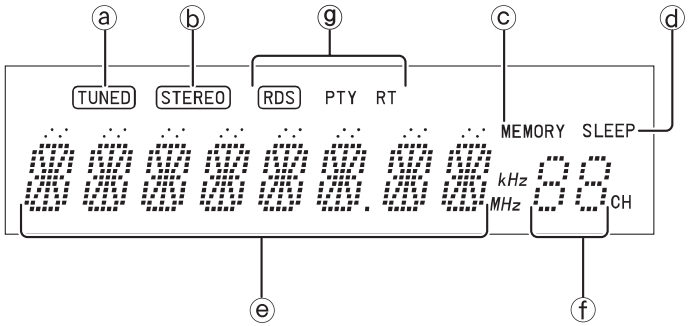
⑲ PHONES jack for stereo headphones

Conventional dynamic headphones can be plugged in here.

Note:

When using headphones, the speaker 1 and/or 2 are switched automatically to OFF and the sound from the speakers is muted. The speaker 1 and/or 2 return to the previous setting as soon as the plug is removed from the jack.

FL DISPLAY



ⓐ TUNED indicator
This indicator illuminates when a station is being received with sufficient signal strength to provide acceptable listening quality.

ⓑ STEREO indicator
This indicator illuminates when an FM station is being tuned in stereo condition.

Ⓒ MEMORY indicator
When the MEMORY button is pressed, this indicator blinks for about 5 seconds.

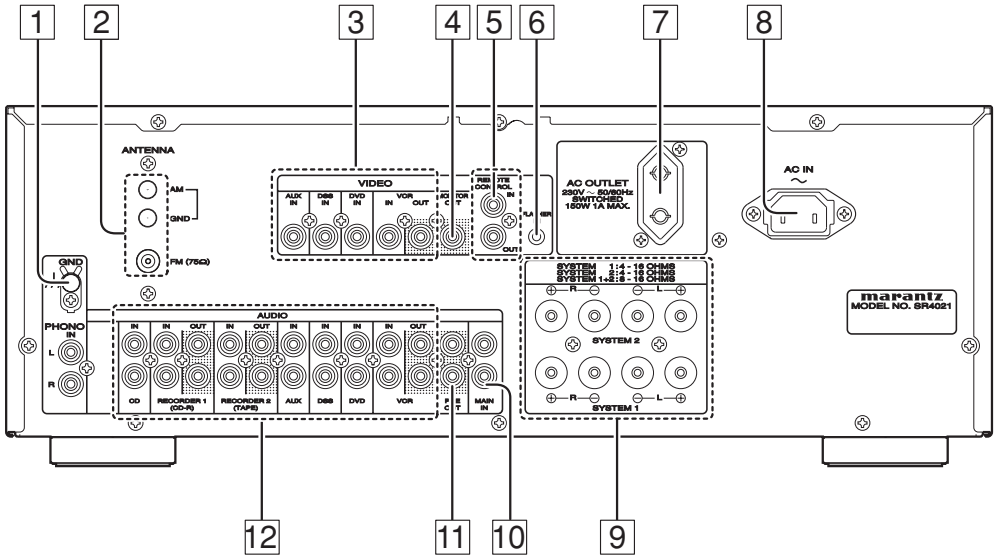
ⓓ SLEEP indicator
This indicator lights up while the sleep timer function is in use.

ⓔ Frequency/Character display
This displays the selected station frequency or the corresponding words when selecting a program source.

ⓕ Preset number display
Shows the selected preset number.

ⓖ RDS indicators
These indicators illuminate when this unit is receiving RDS data.

REAR PANEL



1 GND (ground) terminal

Connect the grounding wire from the analog turntable to this terminal.

2 Antenna terminals

FM antenna terminal

For connecting the supplied FM antenna or for connecting an external FM antenna with a coaxial cable, or for connecting a cable network.

AM antenna and ground terminal

For connecting the supplied AM loop antenna. Use the terminals marked “AM” and “GND”.

The supplied AM loop antenna will provide good AM reception in most areas. Position the loop antenna to the best reception.

3 VIDEO IN/OUT (AUX, DSS, DVD, VCR)

These are the video inputs and output. There are 4 video inputs and 1 video output. Connect VCR, DVD players, and other video components to the video inputs.

The 1 video output can be used to be connected to video tape recorder for making recording.

4 MONITOR output jack

Connect to the TV’s video input (VIDEO IN) jack.

5 REMOTE CONTROL IN/OUT terminals

Connect to a Marantz component equipped with remote control (RC-5) terminals.

6 FLASHER IN (Flasher input terminal)

This terminal is to control the unit from another zone.

Connect the control signal from a Keypad, etc.

7 AC OUTLET

Connect the AC power cord of component such as a DVD or CD player to this outlet.

The marked SWITCHED provides power only when the SR4021 is turned on and is useful for components which you use every time you play your system.

Caution:

- In order to avoid potential turn-off thumps, anything plugged into these outlets should be powered up before the SR4021 is turned on.
- The capacity of this AC outlet is 150W. Do not connect devices that consume electricity more than the capacity of this AC outlet. If the total power consumption of the connected devices exceeds the capacity, the protection circuit shuts down the power supply.

8 AC IN

Connect to supplied an AC power cord, and connect to an AC power outlet.

SR4021 has to be powered by 230V AC only.

9 Speaker terminals

Connect your speaker system(s) to these terminals. There are two sets of terminals, so you can connect either 1 and/or 2 speaker systems.

10 MAIN IN jacks

Use these jacks to connect an extension pre amplifier or graphic equalizer.

When a graphic equalizer is to be connected, connect its output jacks with the MAIN IN jacks on this unit.

When not used, leave these jacks connected with the supplied connecting pins.

11 PRE OUT jacks

Use these jacks to connect an extension power amplifier or graphic equalizer.

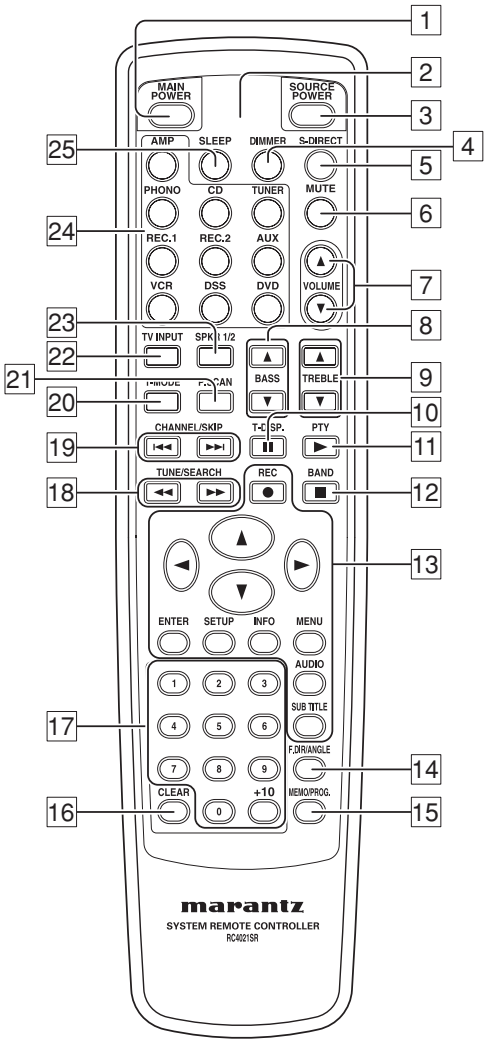
When a graphic equalizer is to be connected, connect its input jacks with the PRE OUT jacks on this unit.

When not used, leave these jacks connected with the supplied connecting pins.

12 AUDIO IN/OUT (PHONO, CD, RECORDER 1, RECORDER 2)

These are the analog audio inputs and outputs. There are 8 audio inputs (4 of which are linked to video inputs) and 3 audio outputs (1 of which is linked to video output). The audio jacks are nominally labeled for recorder1 (CD recorder) recorder2 (cassette tape deck), compact disc players, DVD players and etc.... The audio inputs and outputs require RCA-type connectors.

REMOTE CONTROL OPERATION



FUNCTION AND OPERATION

The provided remote control unit can be used to control a Marantz audio/visual component such as a DVD player, CD player.
The POWER button, numeric buttons and control buttons are used in common across different input source components.
The input source controlled with the remote control unit changes when one of the input selector buttons on the remote control unit is pressed.

- **Example**
  To select the DVD as the input source and play the DVD player.
  Press the DVD button. The input selector of the SR4021 is switched to DVD and the remote control unit is set for control of the DVD player.

  Press the PLAY button on the remote control unit.

1 MAIN POWER button
Press to switch the power of the SR4021 ON or STANDBY.

2 Transmitting indicator
Lights up during a button is pressed and an infrared signal is sending.

3 SOURCE POWER button
Press to switch the power of the source component after pressing the function selector button.

4 DIMMER button
When this button is pressed once, the display is dimmed. When this button is pressed twice, the display is turned off and the “DISPLAY OFF” indicator lights up.
Press this button again to turn on the display again.

5 S (Source)-DIRECT button
When this button is pressed, the audio signal will bypass the balance and tone control circuit to provide the pure sound quality.

6 MUTE button
Press this button decrease the sound temporarily.
Press this button again to return to the previous sound level.

7 VOLUME up (▲) /down (▼) buttons
Press to adjust the volume control of SR4021.

8 BASS up (▲) /down (▼) buttons
These buttons are used to adjust the tone control of low frequency sound.

9 TREBLE up (▲) /down (▼) buttons
These buttons are used to adjust the tone control of high frequency sound.

10 T-DISP. / PAUSE button
(When tuner mode is selected)
This button is used to select display mode function in RDS (Radio Data System).

(When CD/RECORDER/VCR/DVD mode is selected)
Press this button to pause each programs.

11 PTY / PLAY button
(When tuner mode is selected)
Press this button to display the programme type information of current station.

(When CD/RECORDER/VCR/DVD mode is selected)
Press this button to playback each programs.

12 BAND / STOP button
(When tuner mode is selected)
Press this button to switch between FM and AM.

(When CD/RECORDER/VCR/DVD mode is selected)
Press this button to stop each programs.

13 Cursor, ENTER, MENU, etc. buttons
These buttons are used when operating the DVD player, VCR, etc. The function of these buttons are dependent on the function button selected. For the controllable functions of each input function, please refer to controllable table on page 7.

14 F.DIR / ANGLE button
(When tuner mode is selected)
Press this button to change tuner mode to Frequency Direct Call mode. You can call your desired frequency with numeric button of the remote control unit in this mode.

15 MEMO / PROG. button
Memory enable button for various preset functions.

16 CLEAR button
This button is used to cancel for certain memory or programming operations.

17 Numeric buttons 0 to +10
These buttons are used to enter figures in the selection of a tuner preset station and station name preset or to set select a DVD chapter or title and a CD track number, etc. The functions of these buttons are dependent on the function button selected.

18 TUNE/SEARCH buttons
(When tuner mode is selected)
These button are used to increase or decrease the frequency to which the tuner is currently tuned. Press and hold one of these buttons to initiate the auto tuning operation.

19 CHANNEL / SKIP buttons
(When tuner mode is selected)
These button are used to move up or down through the preset stations.

20 T-MODE button
(When tuner mode is selected)
Press this button to select the auto stereo mode or mono mode when the FM band is selected.

21 P.SCAN button
(When tuner mode is selected)
This button is used to start preset scan when TUNER mode is selected in SR4021.

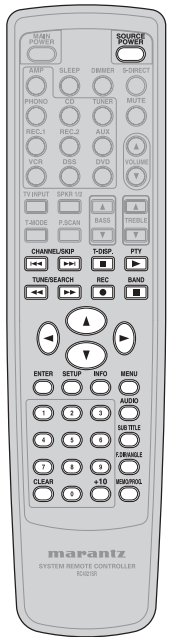
22 TV INPUT button
Press this button to select TV input mode.

23 SPKR 1/2 button
Press this button to select the speaker system (or systems) which is to be used. Each time it is pressed, the setting is selected in the following sequence in turn: 1 only ON → 2 only ON → 1 and 2 ON → 1 and 2 OFF → 1 only ON, and so on. The speaker indicator (or indicators) corresponding to the speaker (or speakers) which has been set to the active status lights.
When headphones have been connected, speakers 1 and 2 are automatically set to OFF.

24 Input selector buttons / FUNCTION SELECTOR buttons (AUDIO / VIDEO INPUT)
These buttons are used to select a Audio or Video source component. When one of these buttons is pressed, the input function of the SR4021 is changed.
Audio function sources such as PHONO, CD, TUNER, RECORDER1 and RECORDER2 may be selected in conjunction with a Video source.
This feature (Sound Injection) combines a sound from one source with a picture from another.
Choose the video source first, and then choose a different audio source to activate this function.

25 SLEEP button
This button is used for setting the sleep timer.

THE CONTROLLABLE FUNCTION TABLE

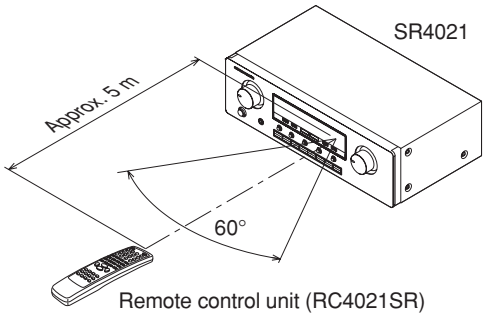


	CD	RECORDER 1 (CDR)	RECORDER 2 (TAPE)	VCR	DSS	DVD
SOURCE POWER	POWER ON/ STANDBY	POWER ON/ STANDBY	POWER ON/ STANDBY	POWER ON/ STANDBY	POWER ON/ STANDBY	POWER ON/ STANDBY
CHANNEL/SKIP ⏮	PREV	PREV	PREV	CH-	CH-	PREV
CHANNEL/SKIP ⏭	NEXT	NEXT	NEXT	CH+	CH+	NEXT
T-DISP. ⏸	PAUSE	PAUSE	PAUSE	PAUSE	-	PAUSE
PTY ▶	PLAY	PLAY	PLAY	PLAY	-	PLAY
TUNE/SEARCH ◀◀	FR	FR	FR	FR	-	FR
TUNE/SEARCH ▶▶	FF	FF	FF	FF	-	FF
REC ●	-	REC	REC	REC	-	-
BAND ■	STOP	STOP	STOP	STOP	-	STOP
Cursor	-	-	-	Cursor	Cursor	Cursor
ENTER	-	-	-	OK	OK	OK
SETUP	-	-	-	-	-	SETUP MENU
INFO	-	-	-	DISPLAY	DISPLAY	DISPLAY
MENU	SWITCH DISPLAY	SWITCH DISPLAY	SWITCH DISPLAY	CALL UP MENU	CALL UP MENU	CALL UP MENU
0-9	INPUT NUMERIC	INPUT NUMERIC	INPUT NUMERIC	INPUT NUMERIC	INPUT NUMERIC	INPUT NUMERIC
+10	-	-	-	-	-	Input +10
AUDIO	-	-	-	AUDIO	AUDIO	AUDIO
SUBTITLE	-	-	-	-	-	SUBTITLE
F.DIR/ANGLE	-	-	-	-	-	ANGLE
CLEAR	INPUT CLEAR	INPUT CLEAR	INPUT CLEAR	INPUT CLEAR	INPUT CLEAR	INPUT CLEAR
MEMO/PROG.	CALL PROGRAM	CALL PROGRAM	CALL PROGRAM	-	-	CALL PROGRAM

USING THE REMOTE CONTROL UNIT

REMOTE CONTROL OPERATIONAL RANGE

The distance between the transmitter of the remote control unit and the IR SENSOR of the SR4021 should be less than about 5 meters.
If the transmitter is pointed to a direction other than the IR SENSOR or if there is an obstacle between them, remote control may not be possible.

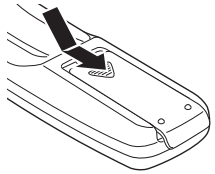


Remote control unit (RC4021SR)

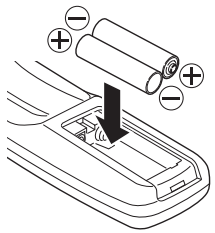
PREPARING THE REMOTE CONTROL UNIT

The life of the batteries used with the remote control unit is about 4 months with normal use. Also be sure to replace batteries earlier when you notice that they are getting weak.

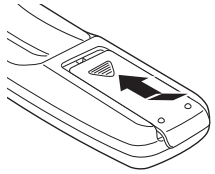
1. Remove the back cover.



2. Insert the new batteries (AAA type) with correct ⊕ and ⊖ polarity.



3. Close until it clicks shut.



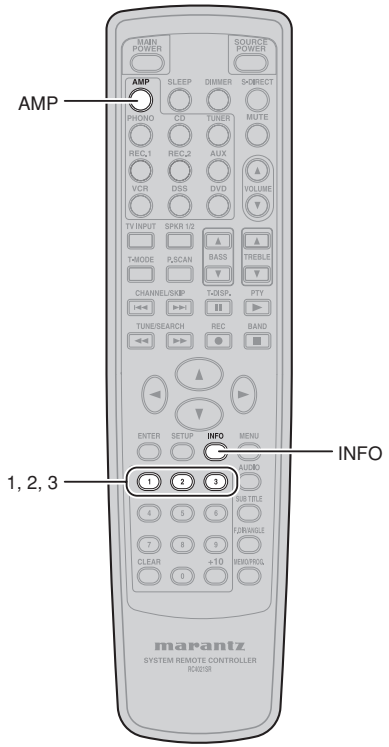
ENGLISH

FUNCTION AND OPERATION

REMOTE CONTROL CODE SETTING

The remote control unit contains 3 sets of remote control codes, and it can be used to control up to 3 receivers in one location. To control a second or third receiver, select the remote control code as explained below. The selected receiver can be operated from the remote control.

- When the unit is shipped from the factory, the main unit and remote control are set to RECEIVER1.



1. **RECEIVER2**

To set the remote control to RECEIVER2, hold down both the **AMP** button and **2** number button on the remote control for at least five seconds.

RECEIVER3

To set the remote control to RECEIVER3, hold down both the **AMP** button and **3** number button on the remote control for at least five seconds.

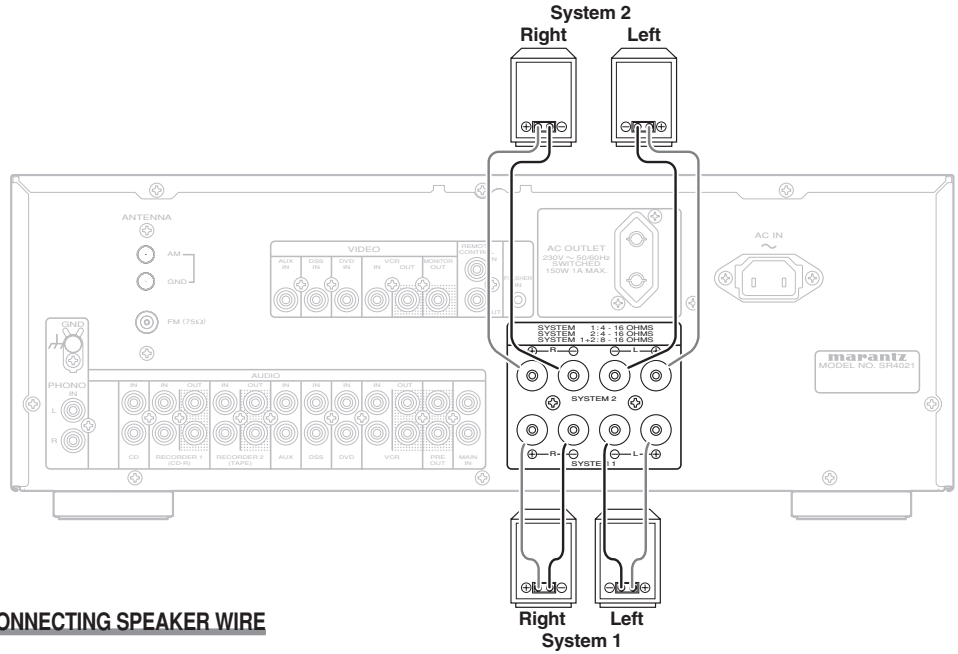
2. Also set the main unit's remote control setting to the same setting as the remote control. To change main unit's remote control setting, hold down both the **AMP** and **INFO** buttons on the remote control; the remote control setting ("RECEIVER 1", "RECEIVER 2" or "RECEIVER 3") will be displayed in the display window on the main unit and main unit setting will be changed same setting as remote control.

Notes:

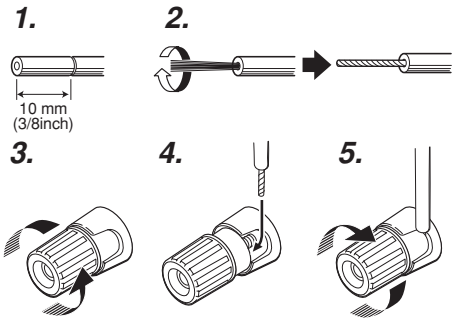
- To set the remote control back to RECEIVER1, hold down both the **AMP** button and **1** number button on the remote control for at least five seconds.
- If the batteries in the remote control are replaced while the remote control is set to RECEIVER2 or RECEIVER3, the setting will revert to RECEIVER1.

CONNECTIONS

CONNECTING SPEAKERS



CONNECTING SPEAKER WIRE



1. Strip away approx. 10 mm (3/8inch) of wire insulation.

2. Twist the bared wire ends tight, to prevent short circuits.

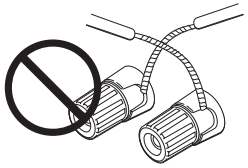
3. Loosen the knob by turning it counterclockwise.

4. Insert the bare part of the wire into the hole in side of each terminal.

5. Tighten the knob by turning it clockwise to secure the wire.

Caution:

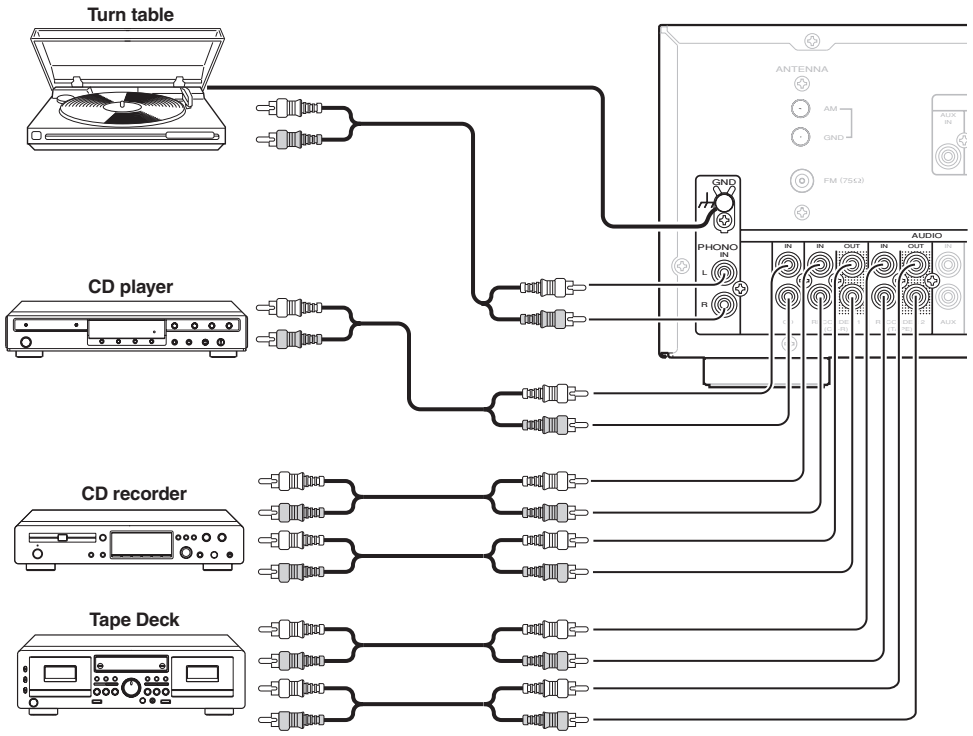
- Be sure to use speakers with the specified impedance as shown on the rear panel of this unit.
- To prevent damage to circuitry, do not let the bare speaker wires touch each other and do not let them touch any metal part of this unit.
- Do not touch the speaker terminals when the power is on. It may cause you to receive an electric shocks.
- Do not connect more than one speaker cable to one speaker terminal. Doing so may damage this unit.



Note:

Be sure to connect the positive and negative cables for the speaker properly. If they are miss-connected, the signal phase will be reversed and the signal quality will be corrupted.

CONNECTING AUDIO COMPONENTS



The output audio signal from the RECORDER 1 OUT jack and the RECORDER 2 OUT jack is the same signal which is currently selected.

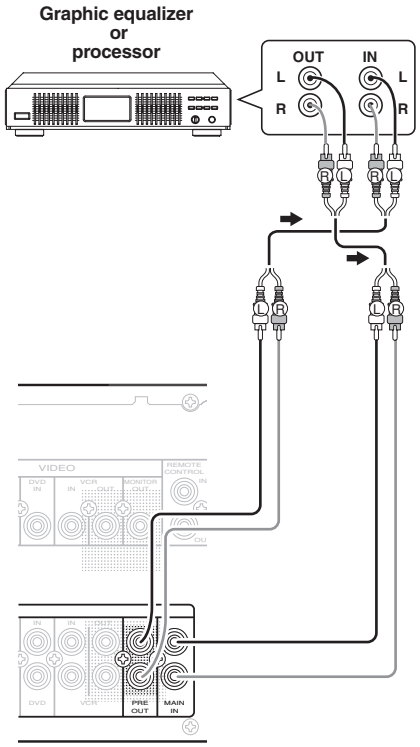
Caution:

- Do not connect this unit and other components to mains power until all connections between components have been completed.

Notes:

- Insert all plugs and connectors securely. Incomplete connections may make noise.
- Be sure to connect the left and right channels properly.
  Red connectors are for the R (right) channel, and white connectors are for the L (left) channel.
- Be sure to connect input and output properly.
- Refer to the instructions for each component that is connected to this unit.
- Do not bind audio/video connection cables with power cords and speaker cables this will result in generating a hum or other noise.

CONNECTING PRE OUT/MAIN IN JACKS



Connecting with external power amplifier

This receiver has enough power for normal listening but PRE OUT jacks are prepared to connect external power amplifiers for higher power output. In such a case, connect these jacks to the MAIN IN jacks or AUX IN jacks of the power amplifier.

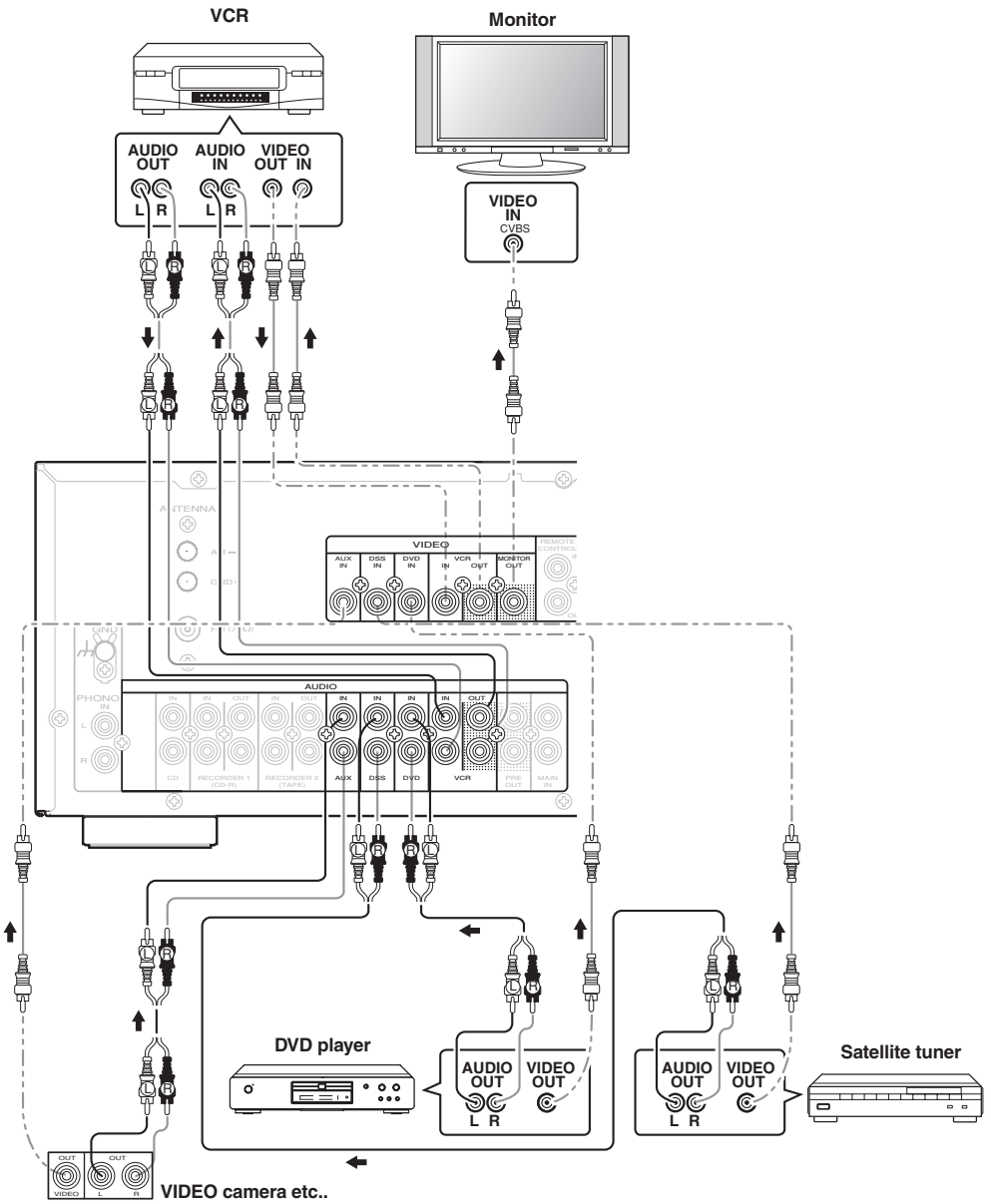
Connecting with graphic equalizer

Use PRE OUT and MAIN IN jacks to connect a graphic equalizer or other analog audio processor.

Note:

When not used, leave these jacks connected with the supplied connecting pins.

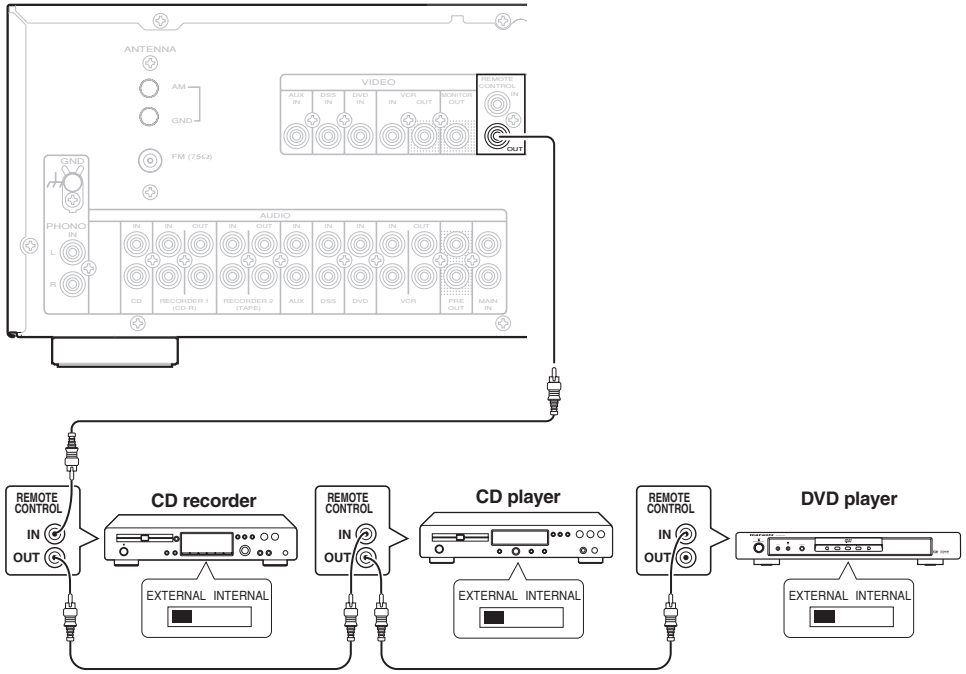
CONNECTING VIDEO COMPONENTS



Notes:

- Insert all plugs and connectors securely. Incomplete connections will result in the generation of noise.
- Be sure to connect the left and right channels properly.
  Red connectors are used for the R (right) channel, and white connectors are used for L (left) channel.
- Be sure to connect input and output of video signal properly.

CONNECTING THE REMOTE CONTROL JACKS



①
You can control other Marantz products through this unit with the remote control by connecting the REMOTE CONTROL terminals on each unit.
The signal transmitted from the remote control is received by the remote sensor on this unit. Then the signal is sent to the connected device through this terminal. Therefore you only need to aim the remote at one unit. Also, if a Marantz power amplifier (some models excluded) is connected to one of these terminals, the power amplifier's, power switch is synchronized with this unit's power switch.

Set the REMOTE CONTROL SWITCH on the units, other than the main unit to EXT.(EXTERNAL) for this feature.

②
Whenever external infrared sensors or similar devices are connected to RC-5 IN of the SR4021, be sure to always disable operation of the infrared sensor on the main unit by using the following procedure.

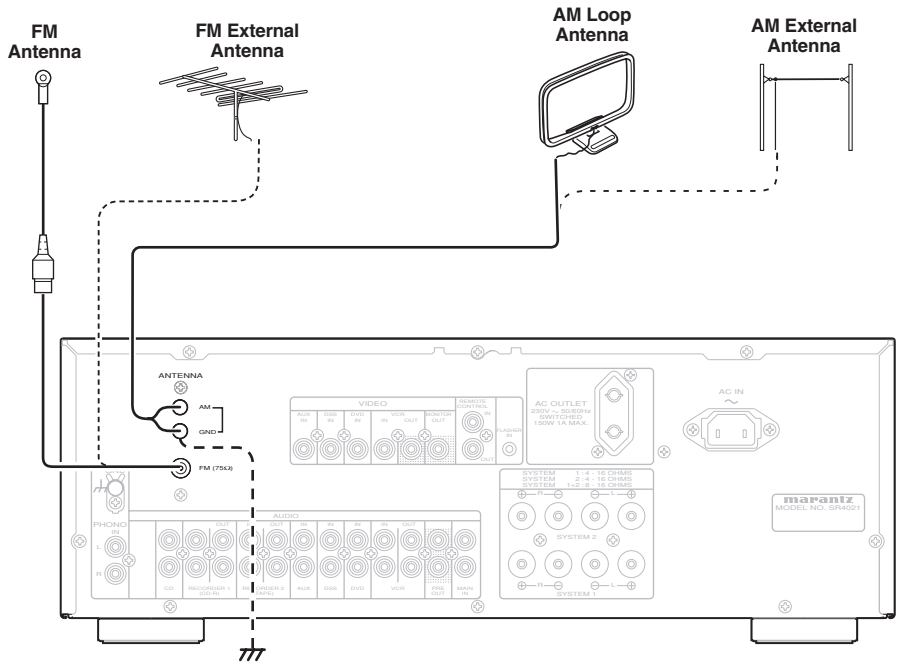
1. Hold down the **SLEEP** button and **DIMMER** button on the front panel at the same time for 3 seconds.
2. The setting "IR=ON" is shown on the FL DISPLAY.
3. Turn the **MULTI JOG** knob to change this to "IR=OFF".
4. Press the **MEMORY** button. Once this setting is made, the infrared sensor on the main unit is disabled.

Note:

Be sure to set to "IR=ON" when external infrared sensors or similar devices are not connected. Otherwise, the main unit will be unable to receive remote control commands.

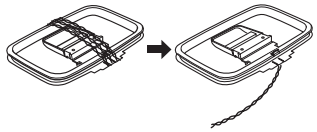
5. To restore the original setting, perform steps 1 to 4 to set to "IR=ON".

CONNECTING THE ANTENNA TERMINALS



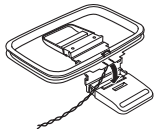
ASSEMBLING THE AM LOOP ANTENNA

1. Take out the connection line.

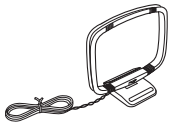


2. Bend the base part in the reverse direction.

3. Insert the hook at the bottom of the loop part into the slot at the base part.



4. Place the antenna on stable surface.



CONNECTING THE SUPPLIED ANTENNAS

Connecting the supplied FM antenna

The supplied FM antenna is for indoor use only.
During use, extend the antenna and move it in various directions until the clearest signal is received.
Fix it with push pins or similar implements in the position that will cause the least amount of distortion.
If you experience poor reception quality, an outdoor antenna may improve the quality.

Connecting the supplied AM loop antenna

The supplied AM loop antenna is for indoor use only.
Set it in the direction and position it to where you receive the clearest sound. Put it as far away as possible from the unit, televisions, speaker cables, and power cords.
If you experience poor reception quality, an outdoor antenna may improve the quality.

1. Loosen the screws and attach the wire terminals.
2. Tighten the screws.

CONNECTING AN FM OUTDOOR ANTENNA

Notes:

- Keep the antenna away from noise sources (neon signs, busy roads, etc.).
- Do not put the antenna close to power lines. Keep it well away from power lines, transformers, etc.
- To avoid the risk of lightning and electrical shock, grounding is necessary.

CONNECTING AN AM OUTDOOR ANTENNA

An outdoor antenna will be more effective if it is stretched horizontally above a window or outside.

Notes:

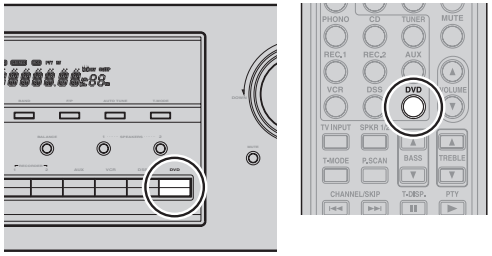
- Do not remove the AM loop antenna.
- To avoid the risk of lightning and electrical shock, grounding is necessary.

BASIC OPERATION
(PLAY BACK)

SELECTING AN INPUT SOURCE

Before you can listen to any input media, you must first select the input source on the SR4021.

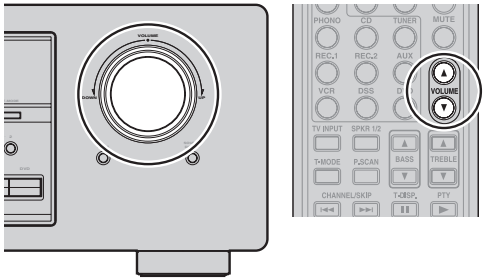
Example : DVD



To select DVD, simply press the **DVD** button on the front panel or press the **DVD** button on the remote. After you have selected DVD, simply turn on the DVD player and play the DVD.

- The input name will appear in the display on the front-panel.
- When an audio source is selected, the last video input used remains routed to the **VCR** Output and **Monitor** Output. This permits simultaneous viewing and listening to different sources.
- When a Video source is selected, the video signal for that input will be routed to the **Monitor Output** jack and will be viewable on a TV monitor connected to the SR4021.

ADJUSTING THE MAIN VOLUME

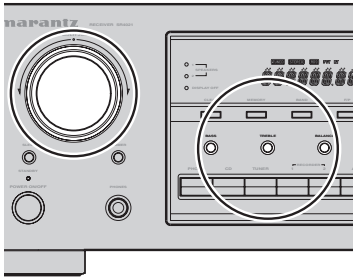


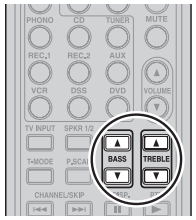
Adjust the volume to a comfortable level using the **VOLUME** control knob on the front panel or **VOLUME ▲ / ▼** buttons on the remote.
To increase the volume, turn the **VOLUME** knob clockwise or press **VOLUME ▲** button on the remote, to decrease the volume, turn counterclockwise or press **VOLUME ▼** button on the remote.

Note:

The volume can be adjusted within the range of – 80 to 0 dB, in steps of 1 dB.

ADJUSTING THE TONE (BASS & TREBLE) AND BALANCE CONTROL





During a listening session you may wish to adjust the Bass and Treble Control and Balance Control to suit your listening tastes or room acoustics.

(Using the SR4021)

1. Press the **BASS**, **TREBLE** and **BALANCE** buttons on the front panel to select your desired control.
2. Turn the **MULTI JOG** knob to adjust the control.

BALANCE: Turn the knob clockwise to decrease volume of the left channel and turn the knob counter clockwise to decrease volume of the right channel.

TREBLE: Turning the knob clockwise enhance the high frequency band, while turning counterclockwise attenuates the high frequency band.

BASS: Turning the knob clockwise enhance the low frequency band, while turning counterclockwise attenuates the low frequency band.

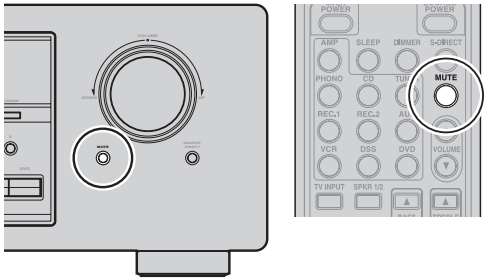
(Using the remote control unit)

To adjust the bass effect, press **BASS ▲** or **BASS ▼** on the remote.
To adjust the treble effect, press **TREBLE ▲** or **TREBLE ▼** on the remote.
Balance Control cannot be adjusted with the remote control unit.

Note:

When Source Direct mode is set, tone control is disable.

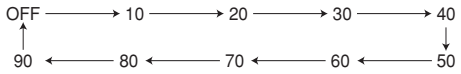
TEMPORARILY TURNING OFF THE SOUND



To temporarily silence all speaker outputs such as when interrupted by a phone call, press the **MUTE** button on the front panel or **MUTE** button on the remote.
This will interrupt the output to all speakers and the head-phone jack, but it will not affect any recording or dubbing that may be in progress.
When the system is muted, the display will show "**MUTE ON**" .
Press the **MUTE** button again to return to normal operation.

USING THE SLEEP TIMER

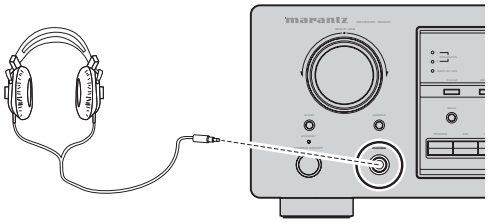
To program the SR4021 for automatic standby, press the **SLEEP** button on the front panel or press the **SLEEP** button on the remote.
Each press of the button will increase the time before shut down in the following sequence.



The sleep time will be shown for a few seconds in the display on the front panel, and it will count down until the time has elapsed.
When the programmed sleep time has elapsed, the unit will automatically turn off.
Note that the **SLEEP** indicator on the display will illuminate when the Sleep function is programmed.
To cancel the Sleep function, press the **SLEEP** button until the display shows "**SLEEP OF** (SLEEP OFF)" and the SLEEP indicator will disappear.

LISTENING THROUGH HEADPHONES

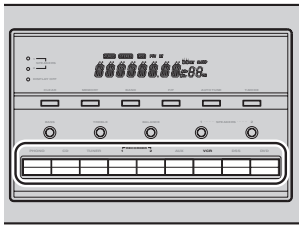
This jack may be used to listen to the SR4021's output through a pair of headphones. Be certain that the headphones have a standard 1/4" stereo phono plug. (Note that the speakers will automatically be turned off when the headphone jack is in use.)

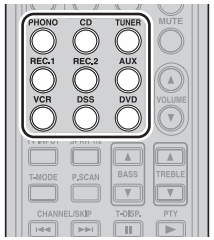


RECORDING A SOURCE

In normal operation, the audio or video source selected for listening through the SR4021 is sent to the record outputs.
This means that any program you are watching or listening to may be recorded simply by placing machines connected to the outputs for **RECORDER1 OUT**, **RECORDER2 OUT**, and **VCR OUT** in the record mode.

To record the input source signal you are currently watching or listening to



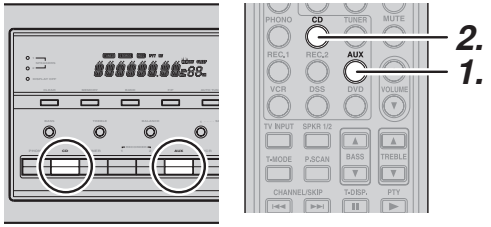


1. Select the input source to record by pressing the corresponding **input selector** button.

   The input source is now selected and you may watch or listen to it as desired.
2. The currently selected input source signal is output to the **RECORDER 1 OUT**, **RECORDER 2 OUT**, and **VCR OUT** outputs for recording.
3. Start recording to the recording component as desired.

Recording the video from one source and the audio from another

You can add the sound from one source to the video of another source to make your own video recordings.
Below is an example of recording the sound from a compact disc player connected to CD IN and the video from a video camera connected to AUX IN to video cassette recorder connected to the VCR OUT jack.



1. Press the **AUX** input source button to set video output.
2. Press the **CD** input source button to set audio output.
3. Now "CD" has been selected as the audio input source and "AUX" as the video input source.

Notes:

- If you change the input source during recording, you will record the signals from the newly selected input source.
- The setting of BALANCE, BASS, TREBLE, VOLUME, MUTE does not affect the recorded material.
- A given input source does not output on the same OUT channel (For example, the signal input from VCR IN is not output on VCR OUT).
- If you playback a video source that uses scrambled or encoded signals to prevent it from being dubbed, the picture itself may be disturbed due to those signals.

BASIC OPERATION
(TUNER)

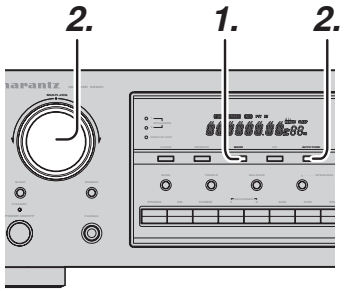
LISTENING TO THE TUNER

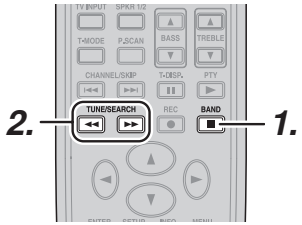
The AM frequency scan increments are selectable. The default is 9 kHz increments. If your country's standard is 10 kHz increments, press and hold the **BAND** button on the front panel for 5 seconds or more. The new scan increments will be stored.

Note:

The all Preset memory for the tuner will be cleared clear by changing this setting.

AUTO TUNING





(Using the SR4021)

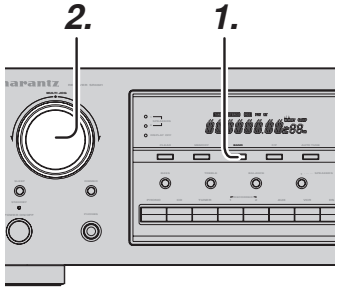
1. To select the tuner and desired band (AM or FM), press the **BAND** button on the front panel.
2. Press the **AUTO TUNE** button on the front panel, and turn the **MULTI JOG** knob to start the Auto Tuning mode.
3. Automatic searching begins then stops when a station is tuned in.

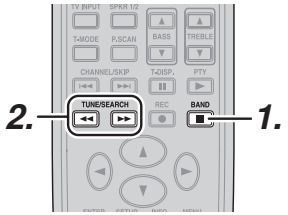
(Using the remote control unit)

1. To select the tuner and desired band (AM or FM), press **BAND** button.
2. Press the **TUNE / SEARCH** ◄◄ or ►► button more than 1 second on the remote.
3. Automatic searching begins then stops when a station is tuned in.

If tuning does not stop at the desired station, use manual tuning.

MANUAL TUNING





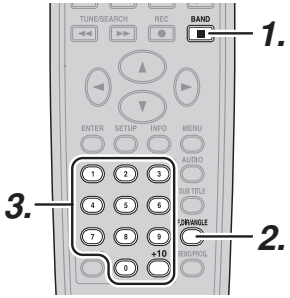
(Using the SR4021)

1. To select the tuner and desired band (AM or FM), press the **BAND** button on the front panel
2. Turn the **MULTI JOG** knob on the front panel to select the desired station.

(Using the remote control unit)

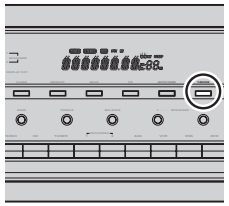
1. To select the tuner and desired band (AM or FM), press **BAND** button.
2. Press the **TUNE / SEARCH** ◄◄ or ►► button on the remote to tune in the desired station.

DIRECT FREQUENCY CALL



1. To select the tuner and desired band (AM or FM), press the **BAND** button.
2. Press the **F.DIRECT** on the remote, display will show "**F-DIR-IN**".
3. Input your desired station's frequency with the **numeric** button on the remote.
   E.g.) 98.1MHz : Press 9, 8, 1 and 0
4. The desired station will automatically be tuned.

(FM) TUNING MODE (AUTO STEREO OR MONO)



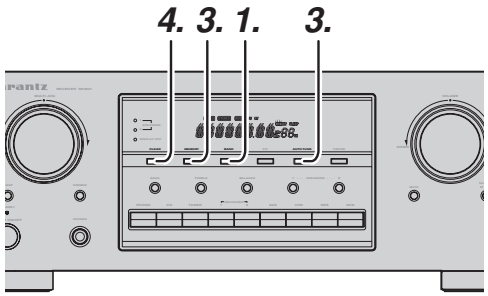
When FM has been selected, the current mode is displayed when the **T-MODE** button on the front panel or the **T-MODE** button on the remote control unit is pressed once, and the screen changes when the same button is pressed agein while the current mode is displayed.
When "AUTO" mode is selected, "FM AUTO" appears on the front display about 2 seconds. FM stations that broadcast in stereo will be received in stereo and the "STEREO" indicator lights up.
If the signal is weak, it may be impossible to tune into the station in stereo. In such case, press the **T-MODE** button on the front panel or press the **T-MODE** button on the remote control unit. "FM MONO" appears on the front display about 2 seconds and the program is received as the monaural mode.
To return to stereo, press the **T-MODE** button or **T-MODE** button again. Some noise may be heard, but the sound will not cut in and out as it would if stereo was selected.

PRESET MEMORY

You can preset up to 30 AM/FM stations in any order.
For each station, you can memorize the frequency and reception mode if desired.

AUTO PRESET MEMORY

This function automatically scans the AM and FM band and enters all stations with proper signal strength into the memory.

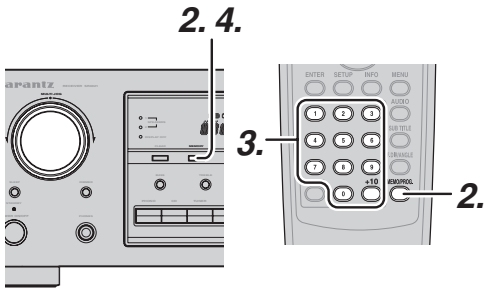


1. Select the FM band with the **BAND** button on the front panel.
2. Tune in the lowest receivable frequency.
3. Press and hold down the **MEMORY** button and **AUTO TUNE** button simutaneously, auto presetting will start.
4. Each time the tuner finds a station, the scanning will pause and memory.
5. Operation stops automatically when all 30 preset memory positions are filled or when auto scanning attains the highest end of all bands. To stop the auto preset function at anytime, press the **CLEAR** button.

Note:

If Auto Presetting is interrupted by pressing the **CLEAR** button, the memory which has already been set is kept still.

MANUAL PRESET MEMORY



(Using the SR4021)

1. Tune into the desired radio station. (See the "**MANUAL TUNING**" or "**AUTO TUNING**").
2. Press the **MEMORY** button on the front panel.
   "**MEMORY**" indicator blinks in the display.
3. Select the preset number by turning the **MULTI JOG** knob while it is still blinking. (approx. 5 second)
4. Press the **MEMORY** button again to enter. "MEMORY" indicator stops blinking and goes out.
   The station is now stored in the specified preset memory location.

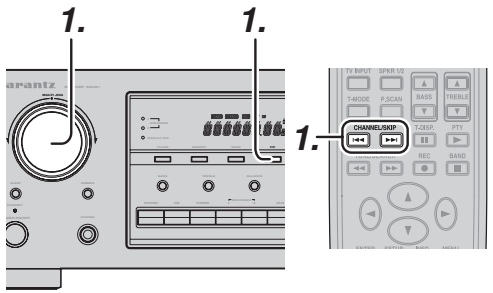
(Using the remote control unit)

1. Tune into the desired radio station. (See the "**MANUAL TUNING**" or "**AUTO TUNING**").
2. Press the **MEMO / PROG** button on the remote control unit. "**MEMORY**" indicator blinks in the display.
3. Enter the desired preset number by pressing the numeric keypads.

Notes:

- When entering a single digit number (2 for example), either input "02" or just input "2" and wait for a few seconds.
- If a preset number already used is selected ,the currently tuned station is stored with the preset number and the formerly stored station with the number is erased without any warning.

RECALLING A PRESET STATION



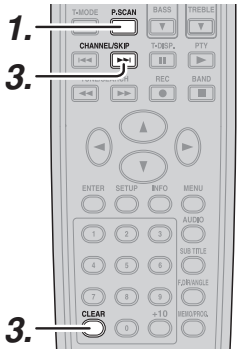
(Using the SR4021)

1. Press the **F/P** button to show the preset station on the display. Select the desired preset station by turning the **MULTI JOG** knob on the front panel.

(Using the remote control unit)

1. Press the **CHANNEL/SKIP** ⏮ or ⏭ button to select the desired preset station, or input the desired preset channel with the numeric keypad on the remote control unit.

PRESET SCAN

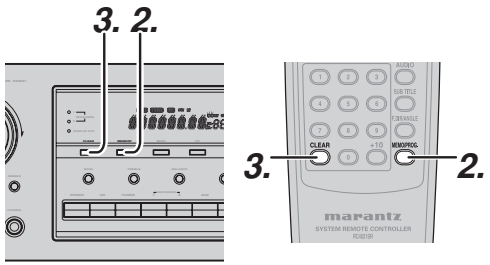


(Using the remote control unit)

1. Press the **P.SCAN** on the remote control unit.
   The preset station with the lowest preset number is recalled first.
2. Preset stations are recalled in sequence (No. 1 → No. 2 → etc.) for 5 seconds each.
   No stored preset number will be skipped.
3. You can fast forward through the preset stations by pressing the **CHANNEL / SKIP** ⏭ continuously.
   When the desired preset station is received, cancel the preset scan operation by pressing the **CLEAR** or **P.SCAN**.

CLEARING STORED PRESET STATIONS

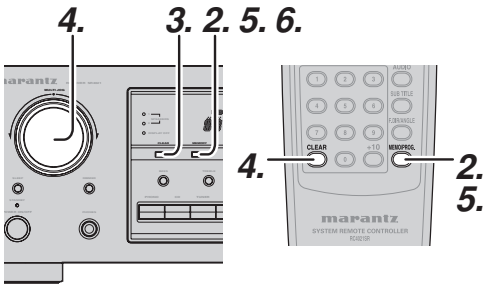
You can remove preset stations from the memory using the following procedure.



1. Recall the preset number to be cleared with the method described in "**RECALLING A PRESET STATION**".
2. Press the **MEMORY** button on the front panel or **MEMO/PROG.** button on the remote control unit.
3. "**MEMORY**" indicator blinks in the display for 5 seconds. While blinking, press the **CLEAR** button on the front panel or press the **CLEAR** button on the remote control unit.
4. "**CLEAR**" appears on the display to indicate that the specified preset number has been cleared.

NAME INPUT OF THE PRESET STATION

This function allows the name of each preset channel to be entered using alphanumeric characters.
Before inputting names, you need to store preset stations with the preset memory operation.



1. Recall the desired preset number with the method described in "**RECALLING A PRESET STATION**".
2. Press the **MEMORY** button on the front panel or press the **MEMO / PROG.** button on the remote for more than 3 seconds.
3. The left most column of the station name indicator flashes, indicating the character entry ready status.
4. When turn the **MULTI JOG** knob on the front panel, alphabetic and numeric characters will be displayed in the following order:
   A → B → C ...Z → 1 → 2 → 3..... 0 → – → + → / → (Blank) → A
   Clockwise →
   ← Counter clockwise

Numeric keypad	Display
1	A → B → C → 1 → A
2	D → E → F → 2 → D
3	G → H → I → 3 → G
4	J → K → L → 4 → J
5	M → N → O → 5 → M
6	P → Q → R → 6 → P
7	S → T → U → 7 → S
8	V → W → X → 8 → V
9	Y → Z → space → 9 → Y
0	– → + → / → 0

5. After selecting the first character to be entered, press the **MEMORY** button on the front panel or press **MEMO/PROG.** button on the remote. The entry in this column is fixed and the next column starts to flash. Fill the next column using the same method.

Note:

Unused columns should be filled by entering blanks.

6. To save the name, press the **MEMORY** button for more than 3 seconds to confirm the entry.

RDS OPERATION

Now in use in many countries, RDS (Radio Data System) is a description of the station's programming hidden space in the FM signal.
Your new receiver is equipped with RDS to assist in the selection of FM stations using station and network names, rather than broadcast frequencies. Additional RDS functions include the ability to search for programme types.

RADIO TEXT

Some RDS stations broadcast RADIO TEXT, which is additional information on the station and programme being broadcast.
RADIO TEXT information appears as 'running' text in the display. RADIO TEXT is transmitted character by the radio station. As a result of that it may take some time until the entire text has been completely received.

RDS DISPLAY

When a receiver is tuned to an FM station that is transmitting RDS data, the Front Panel Information Display will automatically show the station name or RADIO TEXT in place of the typical display of the station's broadcast frequency.
To change the display, press the **T-DISP** button on the remote.

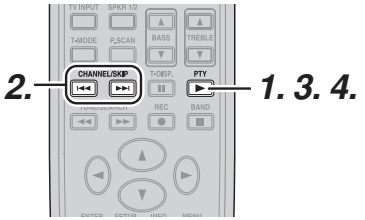
PS (Program Service Name) → RT (RADIO TEXT) → Frequency

PROGRAMME TYPE (PTY) DISPLAY

The RDS system categorizes programmes according to their genre into different programme type (PTY) groups. To display the programme type information of the current station, press the **PTY** button in the TUNER MODE on the remote.

PTY AUTO SEARCH

Your receiver is equipped to automatically search for stations transmitting any of 29 different programme types. To search for a PTY, follow these procedures:



1. Press the **PTY** button in the TUNER MODE on the remote. The current station's PTY will be displayed, or the currently selected PTY group will be displayed in blinking if no station or RDS data is present.
2. To change to a new PTY type, press the **CHANNEL/SKIP** ⏮ or ⏭ button on the remote until the desired PTY is shown in the display.

3. Once the desired PTY group or type has been selected, press the **PTY** button while the display blink (approx. 5 seconds). The PTY Auto search will start, and the tuner will pause at each station broadcasting RDS PTY information corresponding to the selected choice.

4. To advance to the next RDS station with the desired PTY, press the **PTY** button again within 5 seconds.

NUMBER	DISPLAY	PROGRAMME TYPE
1	POP	Pop Music
2	ROCK	Rock Music
3	MOR	M. O. R. Music
4	LIGHT	Light classical
5	CLASSIC	Serious classical
6	NEWS	News
7	AFFAIR	Current Affairs
8	INFO	Information
9	SPORT	Sport
10	EDUCATE	Education
11	DRAMA	Drama
12	CULTURE	Culture
13	SCIENCE	Science
14	OTHERS	Varied
15	OTHER	Other Music
16	WEATHER	Weather
17	FINANCE	Finance
18	CHILDREN	Children's programmes
19	SOCIAL	Social Affairs
20	RELIGION	Religion
21	PHONE IN	Phone In
22	TRAVEL	Travel
23	HOBBIES	Hobbies
24	JAZZ	Jazz Music
25	COUNTRY	Country Music
26	NATION	National Music
27	OLDIES	Oldies Music
28	FOLK	Folk Music
29	DOCUMENT	Documentary

TROUBLESHOOTING

In case of trouble, check the following before calling for service:

1. Are the connections made properly ?
2. Are you operating the unit properly following the user's guide ?
3. Are the power amplifiers and speaker working properly ?

If the unit does not operate properly, check items shown in the following table.
If your trouble cannot be recovered with the remedy actions listed in the following table, malfunction of the internal circuitry is suspected; immediately unplug the power cable and contact your dealer, nearest Marantz authorized dealer or the Marantz Service Center in your country.

SYMPTOM	CAUSE	REMEDY
SR4021 cannot be turned up.	The power plug is not connected.	Connect the power plug to the outlet.
No sound and picture are output even when power is on.	Mute is on.	Cancel mute using the remote control unit.
	The input cable is not connected correctly.	See the connection diagram and connect the cables correctly.
	The master volume control is turned all the way down.	Adjust the master volume.
	The function selector position is wrong.	Select correct position.
No speaker output.	The headphones are connected to the headphone jack.	Disconnect the headphones. (Speakers will not output sound when headphones are connected.)
Incorrect Audio or Video for selected source.	Input cable connected incorrectly.	Connect the cable correctly by referring to the connection diagram.
Sound is only heard from one of front speakers	The BALANCE control is set to one end. One of the connection cords is disconnected.	Adjust BALANCE control. Connect the right and left connection cords securely.
FM or AM reception fails.	Antenna connection is incomplete.	Correctly connect the indoor FM and AM antennas to FM and AM antenna outlets.
Noise is heard during AM reception.	Reception is affected by other electrical fields.	Try changing location where the AM indoor antenna is set up.
Noise is heard during FM reception.	The radio waves from the broadcasting station are weak.	Install an FM outdoor antenna.
Cannot get programmed station when the PRESET button is pressed.	Preset data has been erased.	Disconnecting power plug for long periods of time will erase preset data. If that happens, input the preset data again.
Control with the remote control unit fails.	Batteries are consumed.	Replace all the batteries with new ones.
	Remote controller's function-key setting is wrong.	Select different position from which equipment will be controlled.
	The distance between this SR4021 and the remote commander is too far.	Move closer to this SR4021.
	Something is blocking SR4021 and the remote commander.	Remove offending object.

GENERAL MALFUNCTION

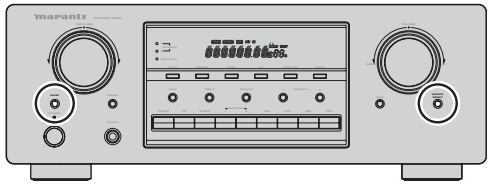
If the equipment malfunctions, this may be because an electrostatic discharge or AC line interference has corrupted the information in the equipment memory circuits. Therefore:

- disconnect the plug from the AC line supply
- after waiting at least three minutes, reconnect the plug to the AC line supply
- re-attempt to operate the equipment

Memory backup

- In case a power outage occurs or the power cord is accidentally unplugged, the SR4021 is equipped with a backup function to prevent memory data such as the preset memory from being erased. This function provides approximately one week of memory storage.

HOW TO RESET THE UNIT



Should the operation or display seem to be abnormal, reset the unit with the following procedure.
The SR4021 is turned on, press and hold the **SLEEP** and **SOURCE DIRECT** buttons simultaneously for 3 seconds or more.
Remember that the procedure will reset the settings of the function selector, TUNER PRESET etc., to their initial settings.

TECHNICAL SPECIFICATIONS

FM TUNER SECTION

Frequency Range ..... 87.5 – 108.0 MHz
Usable Sensitivity ..... IHF 2.0 µV/17.3 dBf
Signal to Noise Ratio ..... Mono/Stereo 70/65 dB
Distortion..... Mono/Stereo 0.2/0.3%
Stereo Separation..... 1 kHz 40 dB
A.C.S ..... ±300 kHz 50 dB
Image Rejection..... 98 MHz 70 dB
Tuner Output Level ..... 1 kHz, 40 kHz Dev 500 mV

AM TUNER SECTION

Frequency Range ..... 531 – 1602 kHz
Usable Sensitivity ..... Loop 400 µV
Signal to Noise Ratio ..... 50 dB
Distortion..... 400 Hz, 30% Mod. 1.0%
Selectivity..... ±9 kHz 40 dB

AUDIO SECTION

Rated Power ..... 40 Hz – 20 kHz 8 ohms 80 W/Ch
40 Hz – 20 kHz 6 ohms 100 W/Ch
THD ..... 40 Hz – 20 kHz 8 ohms 0.08%
Input Sensitivity/Impedance
Linear ..... 200 mV/47 kohms
Signal to Noise Ratio (IHF A)
Linear ..... 95 dB

GENERAL

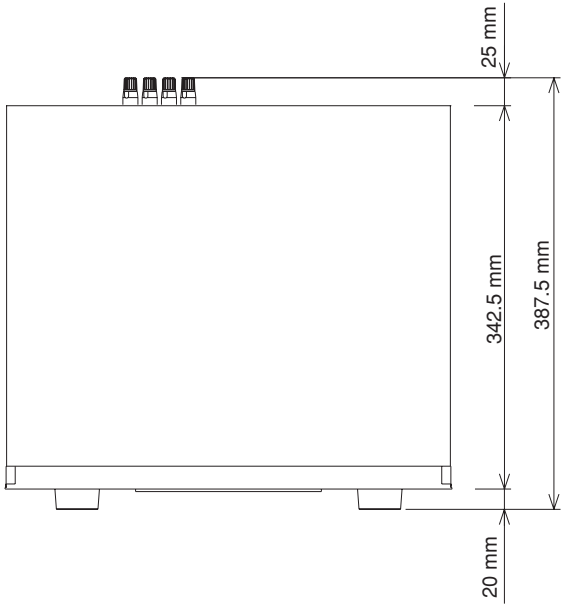
Power Requirement ..... AC 230 V 50 Hz
Power Consumption ..... 220 W
Weight ..... 11.7 Kg

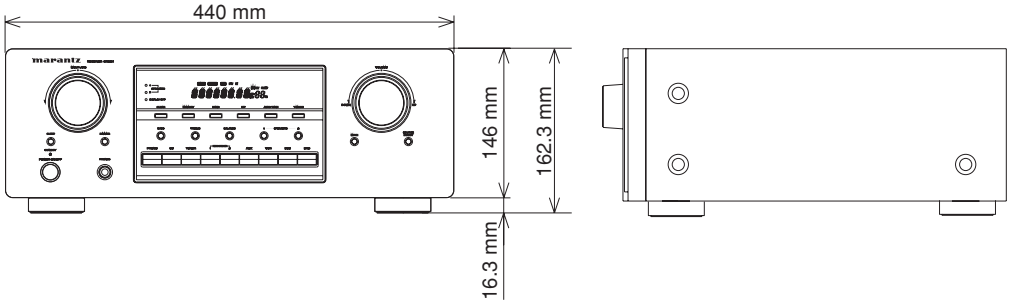
ACCESSORIES

Remote Control Unit RC4021SR 1
AAA-size batteries 2
FM Antenna 1
AM Loop Antenna 1
AC Power Cord..... 1

Specifications subject to change without prior notice.

DIMENSIONS





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